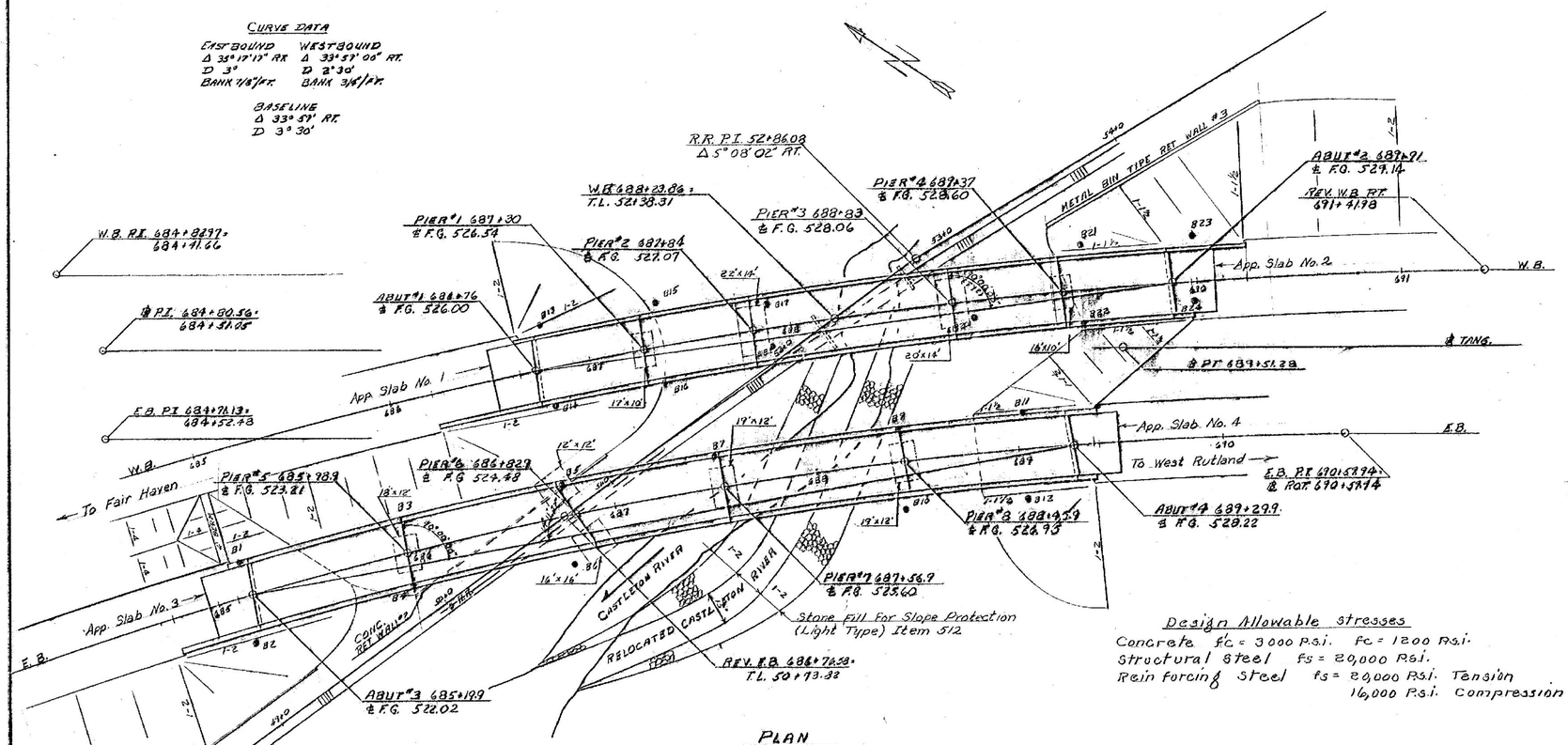
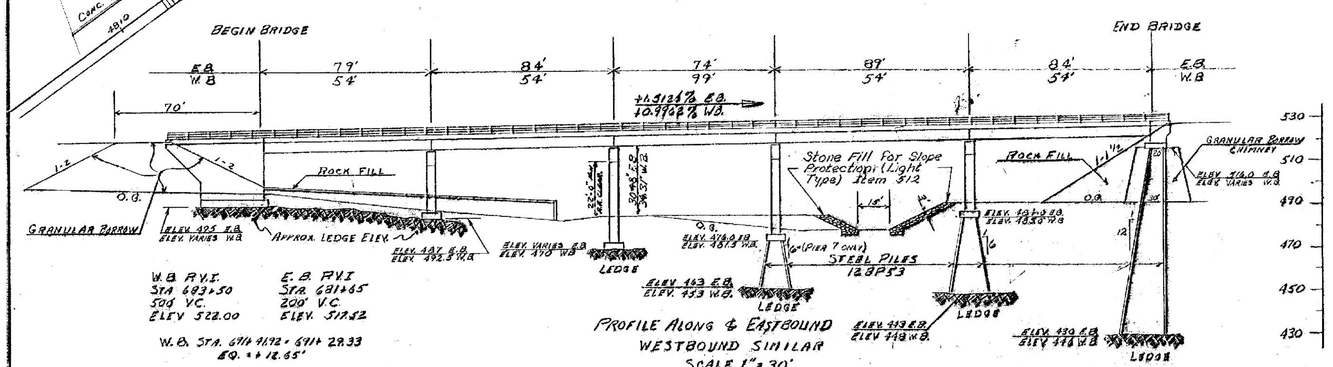


PLAN
SCALE 1" = 30'



LIST OF BRIDGE SHEETS

BR 100	PLAN & ELEVATION
BR 101-102	BRIDGE QUANTITY SHEETS
BR 103	PRELIMINARY INFORMATION SHEET
BR 104-105	BORINGS
BR106-107	RAILING, CURB, & FRAMING PLANS
BR108-112	ABUTMENTS #1, #2, #3, #4
BR113-118	PIERS #1 THRU #8
BR119-122	APPROACH SLABS #1 THRU #4
BR123-125	RETAINING WALLS
BR126-131	REINFORCING STEEL SHEETS
BR132-134	CHANNEL SECTIONS

STANDARD SHEETS

SCB-30-65	SB-R1-64(SH. 1&2)
SB-R2-65	SCB-D1 THRU D9-65

GENERAL NOTES

1. ALL 12BP53 STEEL PILES SHALL BE DRIVEN TO A BEARING CAPACITY OF 45 TONS PER PILE.
2. ELEVATION DATUM IS SEA LEVEL BASED ON NEAREST U.S. GOVERNMENT VERTICAL CONTROL.
3. FOR ADDITIONAL GENERAL NOTES SEE SCB-D1-65.
4. APPROACH SLABS SHALL BE CONSTRUCTED AS PART OF STAGE 1 CONSTRUCTION.
5. IF ROCK FILL IS NOT AVAILABLE, USE ITEM 204 (1' THICK) FOR SLOPE PROTECTION UNDER BRIDGES AT ABUT. #1 & #3.
6. EASTBOUND BRIDGE SHALL BE POSITIONED FROM PIER 6. THE ℄ OF PIER 6 SHALL BE AT THE INTERSECTION OF ℄ E.B. LANE AND ℄ D&H RR. A PRELIMINARY FIELD CHECK WAS MADE PRIOR TO DESIGN. A FINAL FIELD CHECK SHOULD BE MADE OF THIS INTERSECTION, AND PIER LOCATION REVISED IF NECESSARY.
7. ITEM 505, PILE LOADING TESTS, ARE TO BE USED WHEN IN THE OPINION OF THE ENGINEER, THE DESIGNED LOAD CARRYING CAPACITY MAY NOT ACHIEVED.

Design Allowable Stresses

Concrete f'_c = 3000 P.S.I. f_c = 1200 P.S.I.
Structural Steel f_s = 20,000 P.S.I.
Reinforcing Steel f_s = 20,000 P.S.I. Tension
16,000 P.S.I. Compression

Design Notes

1. Construction clearance is to be 8'-0" horizontally from ℄ of R.R. track.
2. Minimum horizontal clearance after construction is to be 12'-0" from ℄ of R.R. track above track elevation.
3. Minimum vertical clearance during construction is to be 18'-0".
4. Minimum vertical clearance after construction is to be 22'-0" as per A.R.E.A. Standard clearance diagram.

CASTLETON - WEST RUTLAND
BF BPNT (15)
PROJECT BRIDGE 13E&W
SHEET 12 OF 14
FOR INFORMATION ONLY

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROJECT WEST RUTLAND
TOWN OF WEST RUTLAND
ROUTE NO. US 4 STA. 687+50
US 4 OVER D & H RAILROAD &
CASTLETON RIVER
SCALE 1" = 30'
IN CHARGE W. SMITH
DRAWN BY DENNIS CHECKED BY W. SMITH
PROJECT NO. BF039-1(9)
SHEET 91 OF 352 BR 100

Stage 2 Construction

Sheet 13a of 170 Sheets